



सत्यमेव जयते

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## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 8th February 1964

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

18th January 1964

91777. M. M. Nanavati. Improvements in or relating to storage batteries, in particular to floats used therein. [Addition to No. 86210].
91778. M. M. Nanavati. Improvements in or relating to closures.
91779. G. R. Thakre. Air cooling device for electric fan.
91780. G. R. Thakre. Air cooling electric fan.
91781. St Anne's Board Mills Company Limited. Improvements in or relating to machines for making paper, paper-board or similar fibrous products. (30th January 1963).
91782. B. S. Olsson. Improvements in and relating to a device for performing rotational movements. [Divisional date 7th November 1962].
91783. Gerrard Wire Tying Machines Company Proprietary Limited. Improved bundle strapping means. (29th January 1963).
91784. W. F. DePenning. Process of preparing a soluble tea product.
91785. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.
91786. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.
91787. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.
91788. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.
91789. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.
91790. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.
91791. Imperial Chemical Industries Limited. Improvements in and relating to the production of esters.

91792. B. B. Joshi, M. S. Muddaliar and J. C. Shah. Improvements in or relating to a device for the comparative study of light reflected from surfaces such as of textile fabrics.

20th January 1964

91793. G. G. Patel. Improved process of manufacturing fuel containers of the pressure stoves, the pressure lanterns and alike appliances by casting method.
91794. Southern Bleachery and Print Works, Inc. Improvements in industrial method and product.
91795. Southern Bleachery and Print Works, Inc. Improvements in industrial method.
91796. Westinghouse Electric Corporation. Improvements in or relating to refrigeration apparatus.
91797. Associated Electrical Industries Limited. Improvements in or relating to rotors for axial-flow turbo-machines. (5th February 1963).
91798. Westinghouse Electric Corporation. Improvements in or relating to shatterproof valve type lightning arrester.
91799. P. De Gruyter & Zn., N. V. Treatment of liquids.
91800. Ciba Limited. Process for reducing dyestuffs and compositions therefor.
91801. Ciba Limited. New nitro-dyestuff pigments and process for their manufacture.
91802. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Sulfapyrimidines and process for the manufacture thereof.
91803. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of composite structures made of textiles and copolymers of mono-olefines.
91804. D. R. Fentiman. Improvements relating to the continuous introduction of liquid into a staple fibre band or sliver. (3rd December 1963).
91805. Emhart Manufacturing Company. Glassware annealing method and apparatus.
91806. Vaessen-Schoemaker Holding N. V. Gel-forming polysaccharide derivatives and their preparation.
91807. The Upjohn Company. Hypoglycemic compositions containing 3, 5-disubstituted pyrazoles.
91808. The Upjohn Company. Pharmaceutical preparations.
91809. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to annular magnetic cores and methods of manufacturing such cores.

91810. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to amplifiers provided with negative feedback.
91811. Societa Farmaceutici Italia. Process for preparing new polypeptides.
91812. Rhone-Poulenc S. A. Process for the preparation of new isothiocyanate compounds and compositions containing them.
91813. Eastman E. Kodak Company. Stabilized cellulose esters.
91814. National Research Development Corporation. Building blocks, slabs and like products moulded from concrete or the like.
91815. Massey-Ferguson Inc. Improvements in or relating to hydraulic lift arrangements for tractors.
91816. Snam S.p.A. Additive for cutting-oils and for high-pressures oils.
91817. The English Electric Company Limited. Transistor switching circuits. (20th June 1961). [Divisional date 12th June 1962].
91818. Imperial Chemical Industries of Australia and New Zealand Limited. Valved sacks. (23rd January 1963).
91819. Auergesellschaft, G.m.b.H. Improvements in or relating to gas detecting and measuring apparatus.
91820. Imperial Chemical Industries Limited. Coating process and composition. (26th April 1963).
91821. Philips Petroleum Company. Disproportionation of olefins.
91822. Dow Smith, Inc. Apparatus for fabricating plastic pipe.
91823. E. Merck Aktiengesellschaft. 17  $\alpha$ -alkoxy-steroids.
91824. Societe a Responsabilite Limitee; Societe Industrielle Et Commerciale Des Salins Du Midi. Process for washing and industrial purification of crystalline substances having impurities.
91825. Major Gen. B. D. Kapur. Inhibited antifreeze.
91826. VEB Chemiefaserwerk Schwarza "Wilhelm Pieck". Process for recovery of waste of linear polyesters of copolyesters.
- 21st January 1964
91827. Council of Scientific and Industrial Research. Improvement in or relating to the preparation for automatically recording, progressive changes in weights with special reference to thermogravimetric determinations.
91828. Council of Scientific and Industrial Research. Improvement in or relating to the preparation of sintered silver electrodes for batteries.
91829. J. R. Pandit. Stiff seesaw strip spherio contact-break point electric switch.
91830. G. P. L. Amma. A process for the manufacture of dicalcium phosphate of food grade.
91831. Ciba Limited. Pesticidal preparations.
91832. Ciba Limited. Water-insoluble monoazo dyestuffs and process for their manufacture.
91833. Stauffer Chemical Company. Novel pesticide.
91834. Stauffer Chemical Company. Herbicides.
91835. Clevite Harris Products, Inc. Bushing. [Addition to No. 71970].
91836. Sandoz Ltd. Dyeing and printing process.
91837. Sandoz Ltd. Dyeing process for textile materials.
91838. Brown, Boveri & Company Limited. Process for the production of electrical energy from the chemical energy of fuels.
91839. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polyester resins and process for preparing them.
91840. Ciba Limited. Manufacture of new isoxazoles.
91841. Ciba Limited. A new dentifrice.
91842. Ciba Limited. 7  $\alpha$ -methyl-oestratrienes.
91843. General Manufacturing Industries. Electrically operated door lock.
91844. Huyck Corporation. Papermaking fabric. (22nd January 1963).
91845. Huyck Corporation. Papermaking fabric. (22nd January 1963).
91846. Tecalemit (Engineering) Limited. Improvements in fluid filters. (23rd January 1963).
91847. Chicago Pneumatic Tool Company. Portable nut runner having automatic speed change and automatic shut-off.
91848. American Chain & Cable Company, Inc. Compacted stranded cable.
91849. Allied Chemical Corporation. Process for dyeing polyolefins.
91850. Bristol-Myers Company. Chemical process.
91851. Bristol-Myers Company. Chemical process.
91852. Simmonds Precision Products Inc. and The S. U. Carburetter Company Limited. Liquid-fuel distributing means for internal combustion engines.
91853. Blackstone Corporation. Cast iron of high magnetic permeability and process of preparing same.
91854. Prerovske Strojirny, Narodni Podnik. Edge mill.
- 22nd January 1964
91855. Major S. Singh. Improvements relating to temperature control, especially as applied to automatic fire alarm systems and the like.
91856. Major S. Singh. Improvements relating to high pressure liquified CO<sub>2</sub> valves, as applied to portable and static automatic fire fighting equipment.
91857. Ciba Limited. Manufacture of amino-polycycles.
91858. Nippon Electric Company Limited. Automatic crossbar telephone exchange system combining 2-wire and 4-wire trunkings.
91859. Lavorazione Materie Plastiche (L.M.P.) S.p.A. Screw press for extrusion of plastics.
91860. Pliva Pharmaceutical and Chemical Works. Process for the preparation of 4, 7-phenanthroline-5, 6-quinone.
91861. Ripper Robots Limited. Improvements in and relating to aircraft having auto-piloting means.
91862. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to high-frequency furnaces for high-frequency heating by means of ultra-high frequencies.
91863. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing photo-sensitive devices and devices manufactured by these methods.
91864. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of coating electrical components having connecting wires with a layer of synthetic substance and components coated by these methods.
91865. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to annular magnetic cores and methods of manufacturing such cores.
91866. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to switching devices in a recording and/or play back apparatus.
91867. Leningradsky Khimiko-Farmatsevticheskoy Institute. A method for obtaining phenoxymethylpenicillin from a native solution.
91868. A. C. Applicazione Coazioni S.p.A. Method and device for anchoring wires, steel or iron rods and cables for obtaining pre-stressed concrete structures.
91869. Combustion Engineering, Inc. Segmented grinding ring.
91870. Ortho Pharmaceutical Corporation. Contraceptive article.
91871. J. R. Geigy A. G. Process for the production of new 1, 2-diaryl-4-alkyl-3, 5-dioxo-pyrazolidines.
91872. J. R. Geigy A. G. Process for the production of new azepine derivatives.

91873. J. R. Geigy A. G. Process for the production of O-hydroxyphenyl-s-triazines.
91874. J. R. Geigy A. G. Process for the production of O-hydroxyphenyl-s-triazines.
91875. J. R. Geigy A. G. Process for the production of O-hydroxyphenyl-s-triazines.
91876. J. R. Geigy A. G. Process for the production of O-hydroxyphenyl-s-triazines.
91877. J. R. Geigy A. G. Process for the production of O-hydroxyphenyl-s-triazines.
91878. The English Electric Company Limited. Improvements relating to lockable assemblies. (28th January 1963).
91879. Tecalemit (Engineering) Limited. Fluid filters and valves. (28th January 1963).
91880. Imperial Chemical Industries Limited. Improvements in or relating to the steam reforming of hydrocarbons. (29th January 1963).

24th January 1964

91881. Spindelfabrik Sussen, Schurr, Stahlecker & Grill G.m.b.H. Bearing structure for spinning or twisting spindles. (14th August 1963).
91882. V. S. Puranik and A. S. Puranik. Precast sheets for roofing, intermediate floors, walls for building of all kinds and for centering purposes in buildings, bridges and allied structures.
91883. B. Kaicker. A revetting attachment.
91884. Ciba Limited. Manufacture of nitrogenous compounds.
91885. V. R. Sonti. Improved packing system.
91886. The Plessey Company (U.K.) Limited. Improvements in or relating to plug-and-socket type connectors. (25th January 1963).
91887. Standard Telephones and Cables Limited. Semiconductor manufacture. (31st January 1963).
91888. Standard Telephones and Cables Limited. Selection system for circuits or electrical equipment. [Addition to No. 81312].
91889. Badische Anilin & Soda-Fabrik Aktiengesellschaft. Growth regulators.
91890. James Mackie & Sons Limited. Improvements relating to stop mechanisms for spinning machines. (29th January 1963).
91891. James Mackie & Sons Limited. Improvements relating to stop mechanisms for spinning machines. (29th January 1963).
91892. Mannesmann Aktiengesellschaft and Metallwerk Plansee Aktiengesellschaft. Improvements in or relating to continuous casting mould.
91893. Ciba Limited. Manufacture of aryl thioethers.
91894. R. P. Heuer. Basic refractory product and process of manufacturing the same.
91895. Dr. K. M. Oesterle. Improvements in or relating to method and apparatus for electrostatic precipitation of coating material upon an article.
91896. British Nylon Spinners Limited. Improvements in or relating to drawing and crimping synthetic polymer filaments. (2nd February 1963).
91897. Shell Internationale Research Maatschappij N. V. Process for the control of a continuously operating distillation process.
91898. Shell Internationale Research Maatschappij N. V. Method and apparatus for producing plastic pipes, and plastic pipe produced by this method.
91899. Shell Internationale Research Maatschappij N. V. Process for the control of a continuously operating distillation process.
91900. Shell Internationale Research Maatschappij N. V. Acoustic character logging.
91901. Polymer Corporation Limited. Agglomeration and concentration of synthetic latex. (8th February 1963).
91902. Girling Limited. Improvements in disc brakes. (12th February 1963).

#### Alteration of date

82693. The claim to priority date 20th June 1961 has been abandoned and the application dated as of 11th June 1962, the date of filing in India.
83891. The claim to priority date 31st August 1961 has been abandoned and the application dated as of 28th August 1962, the date of filing in India.
84341. The claim to priority date 27th September 1961 has been disallowed and the application dated as of 26th September 1962, the date of filing in India.
84928. The claim to priority date 17th November 1961 has been abandoned and the application dated as of 2nd November 1962, the date of filing in India.
86196. The claim to priority date 29th January 1962 has been disallowed and the application dated as of 25th January 1963, the date of filing in India.
91066. Ante-dated to 5th April 1962 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

81634. Girling Limited. Improvements in friction pads and disc brakes incorporating same. (12th April 1961). Accepted on 5th January 1964.

*Having on its operative surface open-ended grooves or holes.*

81822. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for isolating diphenylcarboxylic acid methyl esters. Accepted on 17th January 1964.

*The residues are first subjected to reesterification, then tere and isophthalic acid methyl esters are separated and residues dissolved and digested in organic solvents, the share dissolved therein is separated to yield individual diphenylcarboxylic acid methyl esters.*

81837. Cosden Oil & Chemical Company. Process for the preparation of a mixture of ethylbenzene and non-aromatic hydrocarbons, and preparation of styrene therefrom. Accepted on 18th January 1964.

*Superdistilling the mixture in distillation column of at least 150 distillation stages at reflux ratio exceeding 40 : 1.*

81869. H. M. Bijlani. Improvements in or relating to barrel locks. Accepted on 18th January 1964.

*Sliders in the adjacent or consecutive slots of the barrel are retracted by the opposite edges of the key which besides the usual 'V' cuts incorporating wards on its stem sides and edges corresponding to the same in the lock case.*

81944. The Goodyear Tire & Rubber Company. Improvements in method of bonding a rubbery composition to a reinforcing element. Accepted on 22nd January 1964.
- By treating the reinforcing element with a first adhesive composition comprising polyepoxide phenolaldehyde resin and a diene, to a temperature sufficient to solidify it but components remaining unreacted and then applying thereto a second such adhesive composition.*
81972. Engineering Developments Limited. Compressed air gun. Accepted on 18th January 1964.
- Includes valve means associated with the passage connecting compression chamber and firing cavity to control the passage of fluids between said compression chamber and firing cavity and to completely close each relative to the other during portions of said firing cycle.*
82383. E. I. du Pont de Nemours and Company. New pigment compositions coating compositions comprising same and articles coated therewith. Accepted on 18th January 1964.
- Consisting of translucent micaceous flakes wherein there is a layer of metal oxide consisting of particles of  $TiO_2$ ,  $ZrO_2$ ,  $Fe_2O_3$ ,  $Cr_2O_3$ ,  $V_2O_5$ , or hydrous forms thereof or mixtures thereof.*
82580. The Plessey Company Limited. Improvements in or relating to control valve devices for hydraulic rams. Accepted on 22nd January 1964.
- A metering aperture for the flow of liquid to or from a ram cylinder in such manner that the aperture increases progressively with displacement of the valve and a spring-loaded flow valve controlling a variable aperture determining a return flow for excess fluid.*
82693. Imperial Chemical Industries Limited. Moulding pellets and process for the production thereof. Accepted on 22nd January 1964.
- The weight ratio of glass fibres to polymer in composition lying between 20 : 100 and 80 : 100, composition having tensile strength of at least 20,000 p.s.i. and a flexural modulus of at least  $1.0 \times 10^6$  p.s.i.*
83009. Argus Chemical Corporation. Polyvinyl chloride resin compositions having increased resistance to deterioration. Accepted on 22nd January 1964.
- Comprising a polyvinyl chloride resin, an organotin compound and at least one compound selected from the group of (a) a phenol having at least one hydrogen ortho to hydroxy group and (b) an aromatic amine.*
83010. Argus Chemical Corporation. Polyvinyl chloride resin compositions having increased resistance to heat deterioration. Accepted on 22nd January 1964.
- Comprising an organotin compound and a phenol compound from the group consisting of phenols have an inert substituent ortho to each hydroxyl group and bis-phenol sulphides.*
83121. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the oxidation in liquid phase of alkyl-substituted aromatic compounds. [Addition to No. 76990]. Accepted on 22nd January 1964.
- Oxidizing with  $O$  or a gas containing it in the presence of cobalt oxide prepared by a dry methol and containing 0% > that for  $CoO$ .*
83332. UCB (Union Chimique-Chemische Bedrijven) and Produits Chimiques Pechiney-Saint-Gobain. Filter with a horizontal rotating table. Accepted on 18th January 1964.
- Wherein the outer edge of the table is provided with a rim projecting above the table and constituted by an endless band of flexible material engaging in a fluid-tight manner against edge.*
83346. The Distillers Company Limited. Production of alkanols. (12th August 1961). [Addition to No. 76825]. Accepted on 20th January 1964.
- By reacting a saturated aliphatic aldehyde in vapour phase with hydrogen in the presence of copper catalyst and reacting the product with hydrogen in the presence of copper-nickel catalyst.*
83353. K. S. Davar. Shaving brush with self soaping device. Accepted on 20th January 1964.
- Characterised in that the upper end or mouth of the chamber has a disc or like with a valve controlled opening to deliver the soap to bristles, a spring loaded piston within hollow section, piston having a pin projecting through the cap and operating cup engaged with the handle and a coiled spring is provided between the cap of the handle and the cup.*
83380. Imperial Chemical Industries Limited. New and improved explosive charges. (28th July 1961). Accepted on 24th January 1964.
- Comprises a thin-walled metal canister, at least a portion of the tubular body of the said canister being uneven in form so that the said canister body may be readily deformed to enclose a large volume.*
83384. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for preparing phenol and catalyst therefor and phenol and catalyst so prepared. Accepted on 22nd January 1964.
- As the catalyst Pt on active C containing up to 5% Pt, which has been deposited on the C by contacting the latter with a solution of Pt compound in a solvent for a time in excess of that required for essentially complete absorption of Pt on C, is used.*
83391. A. J. Vox. Method and apparatus for injection moulding. Accepted on 24th January 1964.
- Wherein additional heating means keep the synthetic material above the flow temperature and further means maintains pressure during cooling of mould.*
83394. Continental Oil Company. Method and composition for well completion. Accepted on 24th January 1964.
- Consisting essentially of a siliceous aggregate, a sodium silicate, a stabilizing agent and water.*
83441. The Plessey Company Limited. Improvements in or relating to gas-turbine operated engine starters. (27th July 1961). [Addition to No. 83282]. Accepted on 21st January 1964.
- One direction clutch being interposed between the starter turbine and its compressor and parallel to the differential gear, and thus establishing driving connection between the turbine and its compressor, by passing the differential gear.*
83446. Shell Internationale Research Maatschappij N. V. Bubble tray provided with variable gas passages. [Addition to No. 78665]. Accepted on 21st January 1964.
- The elements consist of resilient strip material the outwardly extending stops being so arranged that when the valve bodies are installed, the stop forms a guide.*
83448. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for preparing hexahydrobenzoic acid. Accepted on 20th January 1964.
- Hydrogenating benzoic acid in the presence of a catalyst constituted by palladium.*
83455. Shri Dhar. Machine for the cutting or chopping off of glass tubes or rods. Accepted on 22nd January 1964.
- Characterized in that the gripping rollers which function as feeding rollers and the blade being operated mechanically and their movement synchronized so that during the interval of the successive operation of the blade a predetermined length of the tube is projected or extended through the serrated plate.*

83463. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Improvements in and relating to a process for the hydrogenation of benzoic acid to hexahydrobenzoic acid and an apparatus for carrying out the same. Accepted on 21st January 1964.

*Benzoic acid is treated at hydrogenation temperatures and pressures and in the presence of a hydrogenation catalyst with hydrogen in the shape of a finely subdivided stream.*

83548. Owens-Corning Fiberglas Corporation. Composite cellular article. Accepted on 24th January 1964.

*Consisting essentially of glass and comprising a continuous impervious outer skin and a network of thin walls through the interior thereof.*

83574. Sandoz Ltd. Azo dyes and their metal-complex compounds or their symmetrical and asymmetrical metal complex compounds and their use in a dyeing process. Accepted on 21st January 1964.

*Consists in coupling the diazo compound of an amine with one more of 1-aceto acetyl-2-amino compound and treating the so obtained dye in substance or on fiber with a metal yielding agent.*

83575. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the production of thermoplastic films. Accepted on 21st January 1964.

*Spherically distending a tube of the polymer and effecting the distention within a temperature range extending from the softening point to 80°C above the softening point of the polymer.*

83687. Ciba Limited. New dyestuffs, process for their manufacture, and textile materials dyed or printed therewith. Accepted on 21st January 1964.

*At least one group imparting solubility is introduced by sulfonation or acylation into a vat dyestuff that contains at least one aryloxy group on at least one aryloxy group is introduced by condensation into a vat dyestuff containing a group imparting solubility in water, or an aryloxy group and a group imparting solubility in water, are introduced into the vat dyestuff simultaneously by condensation with a carboxyphenol or with a sulfo-phenol.*

83699. Colgate-Palmolive Company. Hypochlorite bleaching composition and process for improving the appearance of textiles using the same. Accepted on 22nd January 1964.

*Comprising a dry water soluble compound which, on contact with water, liberates hypochlorite chlorine.*

83771. Glaxo Laboratories Limited. Process for the preparation of derivatives of 2-dehydroemetine. (1st September 1961). Accepted on 22nd January 1964.

*Reducing the corresponding ester with a metal/ammonia or metal/primary amine reducing system.*

83866. The B. F. Goodrich Company. Process for post-chlorinating polyvinyl chloride resins. (12th March 1962). Accepted on 21st January 1964.

*Passing chlorine gas into an agitated suspension of a minor proportion of polyvinyl chloride resin, in a major proportion of an aqueous medium containing chloromethane, maintaining it at 50 to 100°C, separating a solid chlorinated products and neutralising it.*

83891. T. J. Smith & Nephew Limited. Plaster of paris casts or mouldings and the method of making same. Accepted on 24th January 1964.

*Comprising intimately mixing a water soluble proteins with the plaster of Paris which by subsequent addition of water is to be made up into an aqueous slurry, in such manner that the added slurry forming water not only hydrates the Plaster of Paris but also, when the article is cast or otherwise formed from the slurry dissolves the protein to form a film of insolubilised proteins to render such cast to a large extend waterproof by inhibiting absorbency and discouraging the entry of water.*

83964. Metallurgical Processes Limited and The National Smelting Company Limited. Method of treating the slug run from a zinc blast-furnace in order to facilitate separation of slag from copper matte. Accepted on 22nd January 1964.

*Adding a flux which lowers liquidus temperature of the slag to facilitate separation of matte and slag.*

84121. R. S. Hussain. Air cooler. Accepted on 24th January 1964.

*Characterised in that the fan motor operates a bucket to convey water from the lower tank to the upper tank and means are provided for soaking the materials in the walls with water from the upper tank.*

84130. Aktiebolaget Kamyr. Apparatus for the classification of finely divided materials, particularly wood chips or cellulosic pulp. Accepted on 20th January 1964.

*In that each of the rolls is formed with at least one groove making several continuous turns around.*

84147. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Process for the preparation of substantially carbon monoxide free gases of high calorific value. Accepted on 20th January 1964.

*By catalytic treatment of desulphurised gases containing mainly carbon monoxide and hydrogen, with water vapour as reagent, wherein conversion is performed at 500°C, using nickel catalysts of an oxide support.*

84153. The Metal Box Company Limited. An improved method of and apparatus for producing flattened tubular film from thermoplastic materials. Accepted on 20th January 1964.

*Comprises the steps of extruding material while hot, through a annular die, cooling the tube, heating the tube, inflating the heat softened tube by gas.*

84261. Ciba Limited. Improvements in or relating to epoxy resin compositions. Accepted on 22nd January 1964.

*Comprising a hardenable 1, 2-epoxy compound and a chelate compound.*

84341. Fer-Rhin Compagny Etablissement. Wall-screen. Accepted on 20th January 1964.

*That the outside is constituted of elements of barbing of which first vertical rim is twisted while the second rim forms two parallel exterior projections.*

84581. Societe De Prospection Electrique Schlumberger. Improvements in or relating to detonators. Accepted on 20th January 1964.

*Characterised by the fact that the portion of tube round explosive exhibits a bore whose diameter is at least eight millimeters for an inner length of at least eight millimeters for an inner length of at least thirty seven millimeters.*

84688. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. New form of ignot. Accepted on 20th January 1964.

*Comprising two rectangular parallel bases joined together by four lateral face symmetrical in pairs, one of the two bases carrying at least one nipple.*

84815. Imperial Chemical Industries Limited. Improvements in or relating to detonators. Accepted on 24th January 1964.

*Flame-resistant sealing means is adapted to permit ignition of the highly compressed column which means is closed after ignition by the effects of combustion to provide a seal.*

84816. E. M. Markush. Catalytic lighter. (1st November 1961). Accepted on 18th January 1964.

*Comprising a container filled with an absorbent fibrous mass saturated with a volatile fluid, a stopper having an open mouth and containing a lining of fibrous material and a removable frame in the mouth of the stopper, said frame carrying catalytic members suspended therein by fine wires.*

84856. Unilever Limited. A razor blade holder for new and used blades. (10th August 1962). Accepted on 20th January 1964.

*Comprising a base and two containers each being mounted on the same side of the base.*

84892. Shell Internationale Research Maatschappij N. V. Process for the preparation of substituted or unsubstituted tropylium salts. Accepted on 20th January 1964.

*Contacting substituted or unsubstituted cycloheptatriene with an oxidising agent in an acid medium containing iron ions.*

84928. Polymer Corporation Limited. Polymerization of butadiene. Accepted on 20th January 1964.

*Polymerising butadiene-1 : 3 in the presence of a catalyst formed by mixing titanium trichloromonoiodide, an organo aluminium compound and a nitrogeous compound.*

85571. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to electric circuit elements, E. G. photoelectric cells and methods of manufacturing the same. Accepted on 22nd January 1964.

*That cross-section of the clearance spaces are different and the embedded body has locally one or more extensions.*

85624. Asahi Kasei Kogyo Kabushiki Kaisha. A method for preparing acrylonitrile synthetic fibre. Accepted on 24th January 1964.

*Comprises dissolving the acrylonitrile polymer in a nitric acid solvent from which more than 60% or  $N HNO_3$  is removed, extending the spinning solution thus obtained into a coagulating bath containing nitric acid, treating the filaments in a nitric acid solution and stretching them in hot water.*

85736. W. F. DePenning. Dump ports for vessels. Accepted on 18th January 1964.

*Wherein the inner surfaces of the passage at the U-bends are formed by smooth curved surfaces, the passage is convergent in the downstream direction at both U-bends, and the second straight portion is divergent in the downstream direction.*

85971. Institut De Recherches De La Siderurgie Francaise. Process and apparatus for chemically converting flowing gaseous materials. Accepted on 20th January 1964.

*Comprising ionising a flowing stream of gaseous materials by first electric discharge at a position where the flow of stream has made supersonic and second electric discharge in ionised stream where its flow becomes subsonic.*

86044. Glaverbel. Process and furnace for the melting and the elaboration of vitreous or other products. Accepted on 24th January 1964.

*Melting vitreous materials by creating reduced pressure in the pre-melting zone and gas from the products being elaborated immediately after the melting of these materials.*

86167. Institut Francais Du Petrole, Des Carburants Et Lubrifiants, and Compagnie Generale De Geophysique. Vibrator controlling system. Accepted on 22nd January 1964.

*Comprising a pulsing plate in contact with the earth and means for controlling the movement.*

86172. A. G. E. Robiette. Production of metals or alloys from ores. Accepted on 24th January 1964.

*Mixing finely divided ore with finely divided carbonaceous material forming into pellets, introducing the pellets into at least one chamber in the region of the upper part of an electric arc furnace where the briquettes are preheated and ore partly reduced the final reduction of the ore to metal results in the lower part of the furnace.*

86182. T. D. Rao. Improvements in or relating to clamping devices. Accepted on 20th January 1964.

*Job being gripped between a fixed jaw and a movable jaw, the sliding member which provides the movable jaw is provided with a rack and pawl mechanism.*

86196. K. M. Groetschel. Improvements relating to roof supports for mine workings. Accepted on 18th January 1964.

*Comprising power operated extensible props carrying a roof-engaging superstructure which comprises laterally spaced sets of bar elements.*

86413. Road Machines (Drayton) Limited. Improvements in or relating to monorail tracks. (9th February 1962). Accepted on 18th January 1964.

*Comprising a base and a rail of inverted V-section whose sides are fixed to the base and whose apex is shaped to provide a rail-head.*

86531. Allis-Chalmers Manufacturing Company. Improved dynamo-electric machine. Accepted on 21st January 1964.

*Stator windings are retained by slot sticks having electrically insulating and anti-friction properties projecting into the bore of the stator to form a bearing surface to engage and rotatably support a rotor.*

86585. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to short-circuiting switches, methods of manufacturing such short-circuiting switches and electric incandescent lamps provided with such switches. Accepted on 22nd January 1964.

*The spaces between the turns of the second current supply wire located on the carrier and the surface of the carrier are filled with a coherent metallic mass consisting, at least in part, of a rare metal and built up of particles of not more than 1 micron in diameter.*

86619. Inpower Works (Proprietary) Limited. Fluid torque transmitter. Accepted on 18th January 1964.

*A frame member rotatably supporting the carrier and drum drive connecting means connected to the carrier for connecting latter to rotary power, a sun wheel co-axial with second axis, intermediate drive means drivingly connecting the planet wheel with sun wheel and a plurality of liquid entrapping means.*

86918. George Scott & Son (London) Limited. Process and apparatus for treating generally fibrous materials in order to separate and remove foreign matter compounded therewith. (19th March 1962). Accepted on 22nd January 1964.

*Comprises the steps of separating and fibrillating the material in an apparatus feeding liquid to mix with the material, progressing the said material in the apparatus and simultaneously separating and fibrillating the material to facilitate the liberation of matter, centrifugally discharging the liquid from the fibre or foreign matter and separating the other.*



86993. American Brake Shoe Company. Method and apparatus for casting molten metal. Accepted on 18th January 1964.

*Providing a pouring basin having restricting means enabling delivery of molten metal at a restricted rate to cavity through the opening, pouring molten metal into basin at a rate sufficient to maintain a pool substantially filling the basin.*

87021. BOT Brassert Oxygen Technik AG. Improvements in or relating to a process for the production of steel. Accepted on 21st January 1964.

*Producing steel by blowing oxygen onto a charge composed of liquid or solid iron, scrap, iron ore, slag forming material having in content of heat carriers insufficient to attain teeming temperature, the supplying extra heat by combustion of fuel oil and terminating the addition of fuel before the carbon content is reduced to the desired level.*

87840. The Carborundum Company. Abrasive wheel and method of making the same. Accepted on 22nd January 1964.

*Comprising an annulus of abrasive coated leaves the inner ends of said leaves being bonded by a collar of substantial thickness of hardened adhesive resin poured in place and conforming at its inner periphery to a sleeve of a hub section on which the wheel is adapted to be mounted, and a circular groove formed in each lateral face of said annulus concentric with the longitudinal axis of the wheel unit and adapted to receive a circular rib formed on a radially extending flange of a hub section.*

91066. Girling Limited. Improvements in friction pads and disc brakes incorporating same. [Divisional date 5th April 1962]. [Addition to No. 81634]. Accepted on 5th January 1964.

*Wherein spacing between the grooves on the friction pad is less than  $\frac{1}{4}$  inches of land.*

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

76929.	77095.	77101.	77118.	77134.	77144.	77149.
77165.	77342.	77426.	77927.	77932.	77974.	78005.
78053.	78081.	78110.	78174.	78258.	78373.	78415.
78417.	78426.	78446.	78449.	78450.	78454.	78471.
78476.	78477.	78489.	78511.	78512.	78515.	78561.
78564.	78567.	78584.	78622.	78697.	78721.	78751.
78775.	78811.	78812.	78865.	78995.	79044.	79055.
79106.	79151.	79161.	79162.	79176.	79178.	79329.
79362.	79380.	79455.	79490.	79643.	79697.	79722.
79752.	79835.	79873.	80135.	80366.	80387.	80403.
80431.	80434.	80463.	80604.	80605.	80807.	80908.
81012.	81139.	81169.	81251.	81287.	81288.	81522.
81550.	81615.	81632.	81679.	81724.	81794.	82020.
86254.	86255.	86818.				

(2)

77227.	77263.	77300.	77308.	77377.	77379.	77383.
77526.	77601.	77638.	77662.	77692.	77713.	77732.
77742.	77864.	77888.	77969.	78322.	78474.	78484.
78503.	78535.	78550.	78554.	78555.	78565.	78571.
78574.	78579.	78587.	78595.	78596.	78611.	78638.
78649.	78650.	78655.	78686.	78692.	78700.	78734.
78759.	78859.	78882.	78921.	78967.	78976.	79010.
79127.	79167.	79181.	79186.	79258.	79265.	79267.
79302.	79310.	79383.	79399.	79419.	19439.	79445.
79453.	79466.	79578.	79656.	79670.	79693.	79716.
79742.	79775.	79798.	79811.	79815.	79821.	79864.
79869.	7989.	79913.	79922.	79991.	80084.	80087.
80109.	80196.	80244.	80266.	80311.	80317.	80320.
80328.	80359.	80440.	80442.	80553.	80581.	80616.

80711.	80718.	80754.	80761.	80804.	80825.	80834.
81029.	81171.	81183.	81289.	81352.	81442.	81528.
81710.	81776.	81938.	82000.	82043.	82067.	85292.
85395.	86055.	86226.	86347.	86939.		

#### Correction of Clerical Errors

(1)

Under section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of patent application No. 81984 was corrected on 10th January 1964.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of Patent application No. 82139 were corrected on the 15th January 1964.

#### Patents Sealed

76266.	76932.	77461.	78265.	78423.	79042.	79137.
79277.	79420.	79425.	79456.	79515.	79659.	79710.
79766.	79886.	80072.	80074.	80147.	80182.	80188.
80237.	80349.	80430.	80548.	80575.	80665.	80680.
80724.	80726.	80944.	81043.	81080.	81095.	81121.
81369.	81392.	81785.	81889.	82322.	82642.	82659.
82759.	82805.	82825.	82876.	82895.	83026.	83490.
83491.	83578.	83584.	83848.			

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Shell Internationale Research Maatschappij N.V., a Netherlands Research Company, at 30, Carel van Bylandtlaan, The Hague, The Netherlands, seek leave to amend the specification in respect of patent application No. 80005. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that American Viscose Corporation, of 1617, Pennsylvania Boulevard, Philadelphia, Pennsylvania, United States of America, a corporation organised and existing under the laws of the State of Delaware, one of the United States of America, seek leave to amend the name of the Applicants in the application and specification in respect of Patent application No. 80820. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that American Viscose Corporation, of 1617, Pennsylvania Boulevard, Philadelphia, Pennsylvania, United States of America, a corporation organised and existing under the laws of the State of Delaware, one of the United States of America, seek leave to amend the name of the Applicants in the application and specification in respect of Patent application No. 81559. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent office or copies thereof may be obtained from the Patent office, on payment of the usual charges.

## (4)

The amendment proposed by The Director, Geological Survey of India in respect of patent No. 73410 as advertised in the Gazette of India, Part III, Section 2, dated the 5th October 1963 has been allowed.

**Registration of Assignments, Licences, etc.**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

70972—F. Hoffmann-La Roche & Co., Aktiengesellschaft.  
74297—National Castings Company.

**Renewal Fees Paid**

40841.	40943.	42620.	42629.	42661.	42892.	43663.
44173.	44551.	44559.	44639.	44677.	44854.	44898.
44960.	44961.	45059.	45154.	45809.	46688.	46845.
46928.	46998.	47047.	47088.	47181.	48677.	48705.
48878.	48894.	48918.	48953.	48954.	48955.	48956.
48957.	48981.	48986.	49006.	49009.	49054.	49248.
49253.	49340.	49361.	49402.	49403.	49617.	49986.
50257.	50904.	51030.	51086.	51134.	51151.	51185.
51224.	51240.	51245.	51267.	51276.	51279.	51285.
51315.	51335.	51341.	51355.	51358.	51359.	51372.
51374.	51377.	51513.	51549.	51577.	51579.	51637.
51652.	51676.	53553.	53612.	53697.	53730.	53747.
53753.	53802.	53811.	53815.	53817.	53829.	53848.
53852.	54262.	54287.	54355.	54750.	54843.	56292.
56354.	56417.	56420.	56422.	56435.	56451.	56477.
56478.	56485.	56487.	56497.	56507.	56512.	56521.
56540.	56542.	56613.	56627.	56628.	56663.	56665.
56669.	56743.	56769.	56903.	56921.	57052.	57097.
57136.	57270.	57308.	57309.	57481.	59247.	59248.
59507.	59520.	59536.	59555.	59556.	59565.	59575.
59578.	59602.	59603.	59621.	59631.	59662.	59689.
59720.	59755.	59767.	59771.	59788.	59835.	59874.
59895.	59896.	59927.	59930.	60282.	60312.	60315.
60320.	60363.	60443.	60748.	60877.	60878.	60879.
61152.	62614.	62705.	62754.	62901.	62979.	63011.
63012.	63013.	63014.	63015.	63042.	63043.	63046.
63093.	63106.	63110.	63118.	63143.	63144.	63145.
63146.	63147.	63148.	63152.	63165.	63172.	63183.
63187.	63198.	63223.	63230.	63240.	63244.	63248.
63332.	63772.	63791.	64346.	64347.	64348.	66469.
66584.	66594.	66604.	66616.	66617.	66618.	66624.
66666.	66675.	66687.	66712.	66721.	66755.	66758.
66815.	66818.	66836.	66850.	66858.	66859.	66860.
66872.	66970.	66987.	67014.	67093.	67106.	67122.
67152.	67160.	67186.	67206.	67241.	67246.	67252.
67331.	67418.	67523.	67835.	67745.	69226.	69227.
69813.	70047.	70193.	70288.	70459.	70460.	70536.
70547.	70548.	70587.	70588.	70597.	70604.	70610.
70625.	70629.	70630.	70631.	70632.	70655.	70659.
70660.	70673.	70684.	70687.	70688.	70689.	70690.
70691.	70696.	70736.	70737.	70748.	70749.	70817.
70818.	70835.	70849.	70850.	70858.	70861.	70867.
70876.	70877.	70891.	70894.	70895.	70896.	70897.
70905.	70939.	70959.	71004.	71127.	71128.	71156.
71212.	71218.	71243.	71261.	71271.	71275.	71285.
71295.	71328.	71335.	71336.	71375.	71376.	71418.
71465.	71565.	71606.	72965.	72970.	73321.	73330.
73943.	74322.	75026.	75093.	75112.	75113.	75140.
75232.	75247.	75976.	76391.			

**Restoration Proceedings**

## (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 39833—Kripa Nath Misra.

The patent ceased on the 17th June 1960 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2

of the Gazette of India, dated the 4th February 1961. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at The Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 21st March 1964.

## (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 54926—Takayasu Inoue.

The patent ceased on the 12th July 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 8th February 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at The Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 21st March 1964.

## (3)

An order has been made on the 13th January 1964 restoring the Patent No. 47321, dated as of the 5th October 1951 granted to Shavax Kharshedji Karanjia for "improvements in or relating to toothbrushes".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 119557. English Metal Mills International Abdul Wajid Lodge, Prince Road, Moradabad, (U.P.), India, Indian Partnership Concern, "Iron seal", September 16, 1963.

Class 1. No. 119625. Prakash Type Foundry, 495, Narayan Peth, Poona-2, Bombay, Maharashtra, Indian Partnership Firm, "Printing types", September 21, 1963.

Class 1. No. 120308. Hiralal Ghose and Biswanath Khag, 2, Mission Row, Calcutta-1, State of West Bengal, India, both Indian Subjects, "Metal spray gun", November 26, 1963.

Class 3. No. 118851. Bright Manufacturing Company Limited, a British Company, Meteor Works, Torrington Avenue, Coventry, Warwickshire, England, "A draught excluding or sealing strip", July 26, 1963.

Class 3. No. 119499. Veejays Trading Corporation, Indian Partnership Firm, Ahmed Building, 49-51, Lohar Chawl, Bombay-2, (Maharashtra), "Gas lighter", September 12, 1963.

Class 3. Nos. 119917 and 119918. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", July 10, 1963 (United Kingdom).

Class 3. No. 119919. Diamond National Corporation, a Corporation of Delaware, 733, Third Avenue, New York 17, New York, United States of America, "Molded pulp food tray", October 21, 1963.

Class 3. No. 120106. N. V. Maatschappij tot Exploiteren van Octrooien en Licenties "Matepa" (Limited Liability Company of Netherlands), Vugherstraat 129, 's-Hertogenbosch, the Netherlands, "Stacking container", November 5, 1963.

Class 3. No. 120107. Shimada Glass & Flask Factory (Private) Limited, 182, Broadway, Madras-1, State of Madras, India, an Indian Private Limited Company, "A flask", November 6, 1963.



- Class 3. No. 120242. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", November 19, 1963.
- Class 5. No. 119923. Rex Lock Company, Balai Kila, Mohammad Ali Road, P. O. Aligarh (U.P.), Indian Partnership Firm, "Carton", October 22, 1963.
- Class 13. Nos. 120342 to 120347. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", December 3, 1963.
- Class 13. Nos. 120368 to 120376. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", December 4, 1963.
- Class 13. No. 120457. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton Textiles", December 11, 1963.
- Class 13. Nos. 120496 to 120498. The Asoka Mills Limited, P. B. No. 1050, Naroda Road, Ahmedabad-2, (Gujarat State), (Indian), "Cotton textile fabrics", December 16, 1963.
- Class 13. Nos. 120603 and 120604. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods" December 27, 1963.

A. JOGARAO

*Controller General of Patents,  
Designs and Trade Marks*

